

Model for Letters of Request recommended for use in applying the Hague Convention of 18 March 1970 on the Taking of Evidence Abroad in Civil or Commercial Matters

Request for International Judicial Assistance pursuant to the Hague Convention of 18 March 1970 on the Taking of Evidence Abroad in Civil or Commercial Matters

N.B. Under the first paragraph of Article 4, the Letter of Request shall be in the language of the authority requested to execute it or be accompanied by a translation into that language. However, the provisions of the second and third paragraphs may permit use of English, French or another language.

In order to avoid confusion, please spell out the name of the month in each date.

Please fill out an original and one copy of this form (use additional space if required).

1. Sender	David Eiseman Quinn Emanuel Urquhart & Sullivan, LLP 50 California Street, 22nd Floor San Francisco, California 94111 U.S.A. (415) 875-6600
2. Central Authority of the Requested State	Supreme Court of Singapore 1 Supreme Court Lane Singapore 178879 +(65) 6336 0644
3. Person to whom the executed request is to be returned	David Eiseman Quinn Emanuel Urquhart & Sullivan, LLP 50 California Street, 22nd Floor San Francisco, California 94111 U.S.A. (415) 875-6600
4. Specification of the date by which the requesting authority requires receipt of the response to the Letter of Request	
Date	June 30, 2020
Reason for urgency*	All depositions and document productions in this litigation must be completed by the deadline for the close of fact discovery. Pursuant to the Case Management Order attached hereto as Attachment A, the deadline for the close of fact discovery is the later of June 30, 2020 or 90 days after the Claim Construction Order (CCO). See Attachment A at 3.

* Omit if not applicable.

IN CONFORMITY WITH ARTICLE 3 OF THE CONVENTION, THE UNDERSIGNED APPLICANT HAS THE HONOUR TO SUBMIT THE FOLLOWING REQUEST:

5. a	Requesting judicial authority (Article 3, a))	The Honorable Donna M. Ryu United States District Court Northern District of California Ronald V. Dellums Federal Building & United States Courthouse 1301 Clay Street Oakland, California 94612 U.S.A.
	b To the competent authority of (Article 3, a))	The Republic of Singapore Supreme Court of Singapore 1 Supreme Court Lane Singapore 178879 +(65) 6336 0644
	c Names of the case and any identifying number	Semicaps PTE, Ltd. v. Hamamatsu Corp., et al., Case No. 17-cv-03440-DMR
6.	Names and addresses of the parties and their representatives (including representatives in the requested State*) (Article 3, b))	
	a Plaintiff	SEMICAPS Pte, Ltd. 28 Ayer Rajah Crescent #03-01 Singapore 139959
	Representatives	Ryan Marton & Hector Ribera Marton Ribera Schumann & Chang LLP 548 Market Street, Suite 36117 San Francisco, California 94104, U.S.A.
	b Defendant	The names and addresses of the Defendants are provided in Attachment B.
	Representatives	The names and addresses of the Representatives for the Defendants are provided in Attachment B.
	c Other parties	N/A.
	Representatives	N/A.

* Omit if not applicable.

7.	<i>a</i>	Nature of the proceedings (divorce, paternity, breach of contract, product liability, etc.) (Article 3, c))	Alleged patent infringement under the patent laws of the United States, 35 U.S.C. § 1 et seq., specifically including 35 U.S.C. § 271(a), (b), and (c).
	<i>b</i>	Summary of complaint	Plaintiff alleges that Defendants infringe U.S. Patent No. 7,623,982 (the "'982 patent"), entitled "Method of Testing an Electronic Circuit and Apparatus Thereof."
	<i>c</i>	Summary of defence and counterclaim*	Defendants assert, inter alia, that they do not infringe any of the claims of the '982; that the claims of the '982 patent are invalid and unenforceable under at least 35 U.S.C. §§ 101, 102, 103, 112, 116, and/or 256 and due to inequitable conduct; and that Plaintiff's claims are barred due to equitable estoppel and/or because Defendants are licensed under the '982 patent.
	<i>d</i>	Other necessary information or documents*	This litigation is governed by the Protective Order entered by Judge Ryu on March 26, 2020 (Dkt. No. 91). This Protective Order governs the disclosure of confidential documents, testimony, and any other evidence in connection with this action. A copy of the Protective Order is attached hereto as Attachment C.
8.	<i>a</i>	Evidence to be obtained or other judicial act to be performed (Article 3, d))	Defendants request the deposition of Dr. Alfred Cheng Teck Quah and documents from Dr. Quah that are relevant to Defendants' claims and defences.
	<i>b</i>	Purpose of the evidence or judicial act sought	The requested evidence will be used to support Defendants' claims and defences.
9.		Identity and address of any person to be examined (Article 3, e))*	Dr. Alfred Cheng Teck Quah ("Dr. Quah") 60 Woodlands Industrial Park D Street 2 Singapore 738406
10.		Questions to be put to the persons to be examined or statement of the subject-matter about which they are to be examined (Article 3, f))*	A list of deposition topics pertaining to the subject matter of Dr. Quah's deposition are provided in Attachment D.

* Omit if not applicable.

11. Documents or other property to be inspected
(Article 3, g))*

A list of documents that Defendants request from Dr. Quah are provided in Attachment E. Defendants have been unable to procure these documents from Plaintiff SEMICAPS Pte Ltd., which has taken the position that it has no control over Dr. Quah and the documents in Dr. Quah's possession.

12. Any requirement that the evidence be given on oath or affirmation and any special form to be used
(Article 3, h))*

Any evidence and deposition testimony shall be given under oath in the presence of an officer duly authorized to administer oaths in Singapore.

In the event that evidence and deposition testimony is not provided in the manner requested, such evidence and deposition testimony shall be taken in such manner as provided by the laws of Singapore.

13. Special methods or procedure to be followed (e.g. oral or in writing, verbatim, transcript or summary, cross-examination, etc.)
(Articles 3, i) and 9))*

Defendants, by and through their attorneys, will take the deposition upon oral examination of Dr. Quah. Plaintiff, by and through its attorneys, may conduct an oral cross-examination of Dr. Quah. The deposition shall be recorded using audio visual equipment, including interactive, real time transcription. The deposition shall be recorded and transcribed verbatim. A verbatim transcript of the deposition shall be created and provided to Dr. Quah to review and certify the truth and accuracy of the transcription. The deposition shall take place from day-to-day until completed.

14. Request for notification of the time and place for the execution of the Request and identity and address of any person to be notified
(Article 7))*

Defendants respectfully request that Dr. Quah be notified of the time and place for this Request to be executed. Dr. Quah's address is as follows:

Dr. Alfred Cheng Teck Quah
60 Woodlands Industrial
Park D Street 2
Singapore 738406

15. Request for attendance or participation of judicial personnel of the requesting authority at the execution of the Letter of Request
(Article 8))*

N/A.

* Omit if not applicable.

16. Specification of privilege or duty to refuse to give evidence under the law of the State of origin (Article 11, b))*

The following privileges shall apply to the evidence and testimony provided: attorney-client privilege; attorney work product immunity; common interest privilege; and/or other privilege or immunity applicable to the evidence and testimony provided.

17. The fees and costs incurred which are reimbursable under the second paragraph of Article 14 or under Article 26 of the Convention will be borne by*

David Eiseman
Quinn Emanuel Urquhart & Sullivan, LLP
50 California Street, 22nd Floor
San Francisco, California 94111
U.S.A.

DATE OF REQUEST

SIGNATURE AND SEAL OF THE
REQUESTING AUTHORITY



Erase all entries

Print

* Omit if not applicable.

ATTACHMENT A

UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA

SEMICAPS PTE LTD,

Plaintiff,

v.

HAMAMATSU CORPORATION, et al.,

Defendants.

Case No. [17-cv-03440-DMR](#)

CASE MANAGEMENT ORDER

The court held an initial case management conference on May 1, 2019. A further case management conference is set for September 4, 2019 at 1:30 p.m. The parties shall file their joint case management statement by August 28, 2019.

The court adopted the parties' proposal regarding discovery, as set forth below:

The parties agree that attorney-client privileged communications and work product created after June 14, 2017 do not need to be included on a privilege log.

In addition, the parties agree that communications and drafts exchanged between counsel and the experts in this case are not discoverable. Communications between the parties or representatives of the parties (other than counsel) with the expert will be discoverable only to the extent relied upon by the expert.

The normal rules regarding inadvertent disclosure of privileged materials found in the Federal Rules of Civil Procedure, e.g. FRCP 26, and the Federal Rules of Evidence, e.g. FRE 502, shall apply to this action.

Depositions

Fact Discovery: 70 hours of deposition, inclusive of 30(b)(6) depositions and third-party depositions, in accordance with the Federal Rules of Civil Procedure. The parties agree that reasonable accommodations will be made for depositions that require translations, but absent

agreement between the parties or a compelling reason, such translated depositions will not exceed 10.5 hours for any witness, and such accommodations will not count against the hour limit. The parties may meet and confer regarding further additional depositions or additional time for a particular witness, if necessary.

Expert Discovery: Each side is entitled to one seven-hour deposition of each expert disclosed by the other side per each report such expert submits. The parties may meet and confer further regarding additional limits on expert discovery. Should either side submit a declaration or report from an expert regarding claim construction, the expert shall also be made available for deposition limited to issues in the declaration after the submission of such declaration or report and before the other side's responsive claim construction brief.

Interrogatories

25 interrogatories for each side.

Requests for Production

No limit.

Requests for Admission

50 requests for admission for each side; requests for admission of the authenticity of a document or thing do not count against the limit.

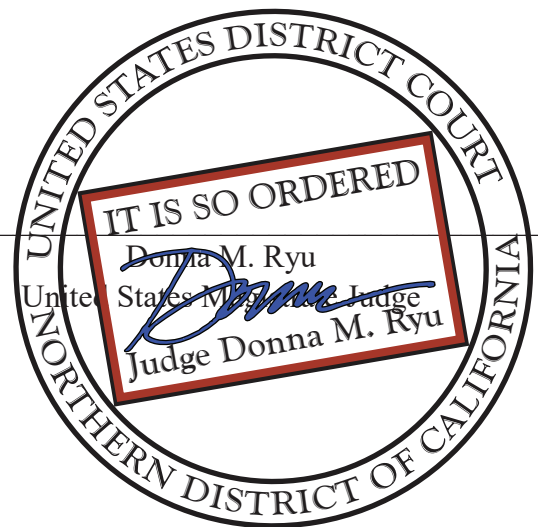
The court set the following case schedule:

Event	Date
Complaint Filed	6/14/17
Disclosure of Asserted Claims and Infringement Contentions and Accompanying Document Production	5/15/2019
Hamamatsu's Response to Complaint	5/24/2019
Disclosure of Invalidity Contentions and Accompanying Document Production (if any)	7/1/2019
Exchange of Proposed Terms for Construction	7/15/2019
Exchange of Preliminary Claim Constructions and Extrinsic Evidence	8/5/2019

1	Disclosure of Damages Contentions	8/20/2019
2	Joint Claim Construction Statement	8/30/2019
3	Disclosure of Responsive Damages Contentions	9/19/2019
4	Complete Claim Construction Discovery	9/30/2019
5	SEMICAPS Opening Claim Construction Brief	10/14/2019
6	Hamamatsu's Responsive Claim Construction Brief	10/28/2019
7	SEMICAPS Reply Claim Construction Brief	11/4/2019
8	Tutorial	1/3/2020 at 11:00 am
9	Claim Construction Hearing	1/9/2020 at 11:00 am
10		
11	Close of Fact Discovery	The later of June 30, 2020 or 90 days after Claim Construction Order (CCO)
12	Designate Opening Experts and Serve Reports	The later of September 30, 2020 or CCO + 120 days
13	Designate Rebuttal Experts and Serve Reports	Thirty days after service of Opening Expert reports
14	Close of Expert Discovery	Thirty days after service of Rebuttal Expert reports
15	Dispositive (Summary Judgment) Motions	Forty-five days after close of Expert Discovery
16	Hearing on Dispositive Motions	TBD
17	Pretrial Conference	TBD
18	Trial	TBD

IT IS SO ORDERED.

Dated: May 2, 2019



ATTACHMENT B

ATTACHMENT B

Defendants (6.b)

Hamamatsu Corporation
360 Foothill Road
Bridgewater, New Jersey 08807
U.S.A.

Hamamatsu Photonics K.K.
325-6 Sunayama-cho, Naka-ku,
Hamamatsu City, Shizuoka Pref., 430-8587
Japan

Photonics Management Group
360 Foothill Road
Bridgewater, New Jersey 08807
U.S.A.

Representatives (6.b)

David Eiseman
Quinn Emanuel Urquhart & Sullivan, LLP
50 California Street, 22nd Floor
San Francisco, California 94111
U.S.A.

Ryan S. Goldstein
Quinn Emanuel Urquhart & Sullivan, LLP
865 S. Figueroa Street, Floor 10
Los Angeles, California 90017
U.S.A.

Jared W. Newton
K. Kevin Chu
Quinn Emanuel Urquhart & Sullivan, LLP
1300 I Street, NW, Suite 900
Washington, D.C. 20005
U.S.A.

Koichiro Minamino
Minamino Law Office, PLLC
1300 I Street, NW
Washington, D.C. 20005
U.S.A.

ATTACHMENT C

UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA

SEMICAPS PTE LTD.,

Plaintiff,

v.

HAMAMATSU CORPORATION, et al.,

Defendants.

Case No. 17-cv-03440-DMR

PROTECTIVE ORDER

AS MODIFIED IN SECTION 6.3

1. PURPOSES AND LIMITATIONS

Disclosure and discovery activity in this action are likely to involve production of confidential, proprietary, or private information for which special protection from public disclosure and from use for any purpose other than prosecuting this litigation may be warranted. This Order does not confer blanket protections on all disclosures or responses to discovery and the protection it affords from public disclosure and use extends only to the limited information or items that are entitled to confidential treatment under the applicable legal principles. As set forth in Section 14.4 below, this Protective Order does not entitle the Parties to file confidential information under seal; Civil Local Rule 79-5 sets forth the procedures that must be followed and the standards that will be applied when a party seeks permission from the court to file material under seal.

2. DEFINITIONS

2.1 Challenging Party: a Party or Non-Party that challenges the designation of information or items under this Order.

2.2 "CONFIDENTIAL" Information or Items: information (regardless of how it is generated, stored or maintained) or tangible things that qualify for protection under Federal Rule of Civil Procedure 26(c).

2.3 Counsel (without qualifier): Outside Counsel of Record and House Counsel (as well as their support staff).

1 2.4 Designating Party: a Party or Non-Party that designates information or items that it
2 produces in disclosures or in responses to discovery as “CONFIDENTIAL,” “HIGHLY
3 CONFIDENTIAL – ATTORNEYS’ EYES ONLY,” or “HIGHLY CONFIDENTIAL – SOURCE
4 CODE.”

5 2.5 Disclosure or Discovery Material: all items or information, regardless of the
6 medium or manner in which it is generated, stored, or maintained (including, among other things,
7 testimony, transcripts, and tangible things), that are produced or generated in disclosures or
8 responses to discovery in this matter.

9 2.6 Expert: a person with specialized knowledge or experience in a matter pertinent to
10 the litigation who (1) has been retained by a Party or its counsel to serve as an expert witness or
11 as a consultant in this action, (2) is not a past or current employee of a Party or of a Party's
12 competitor, and (3) at the time of retention, is not anticipated to become an employee of a Party
13 or of a Party's competitor.

14 2.7 “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY” Information or
15 Items: extremely sensitive “Confidential Information or Items,” disclosure of which to another
16 Party or Non-Party would create a substantial risk of serious harm that could not be avoided by
17 less restrictive means.

18 2.8 “HIGHLY CONFIDENTIAL – SOURCE CODE” Information or Items:
19 extremely sensitive “Confidential Information or Items” representing computer code and
20 associated comments and revision histories, formulas, engineering specifications, or schematics
21 that define or otherwise describe in detail the algorithms or structure of software or hardware
22 designs, disclosure of which to another Party or Non-Party would create a substantial risk of
23 serious harm that could not be avoided by less restrictive means.

24 2.9 House Counsel: attorneys who are employees of a party to this action. House
25 Counsel does not include Outside Counsel of Record or any other outside counsel.

26 2.10 Non-Party: any natural person, partnership, corporation, association, or other legal
27 entity not named as a Party to this action.

28 2.11 Outside Counsel of Record: attorneys who are not employees of a party to this

1 action but are retained to represent or advise a party to this action and have appeared in this action
 2 on behalf of that party or are affiliated with a law firm which has appeared on behalf of that party.

3 2.12 Party: any party to this action, including all of its officers, directors, employees,
 4 consultants, retained experts, and Outside Counsel of Record (and their support staffs).

5 2.13 Producing Party: a Party or Non-Party that produces Disclosure or Discovery
 6 Material in this action.

7 2.14 Professional Vendors: persons or entities that provide litigation support services
 8 (e.g., photocopying, videotaping, translating, preparing exhibits or demonstrations, and
 9 organizing, storing, or retrieving data in any form or medium) and their employees and
 10 subcontractors.

11 2.15 Protected Material: any Disclosure or Discovery Material that is designated as
 12 “CONFIDENTIAL,” “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY,” or
 13 “HIGHLY CONFIDENTIAL – SOURCE CODE.”

14 2.16 Receiving Party: a Party that receives Disclosure or Discovery Material from a
 15 Producing Party.

16 **3. SCOPE**

17 The protections conferred by this Order cover not only Protected Material (as defined
 18 above), but also (1) any information copied or extracted from Protected Material; (2) all copies,
 19 excerpts, summaries, or compilations of Protected Material; and (3) any testimony, conversations,
 20 or presentations by Parties or their Counsel that might reveal Protected Material. However, the
 21 protections conferred by this Order do not cover the following information: (a) any information
 22 that is in the public domain at the time of disclosure to a Receiving Party or becomes part of the
 23 public domain after its disclosure to a Receiving Party as a result of publication not involving a
 24 violation of this Order, including becoming part of the public record through trial or otherwise;
 25 and (b) any information known to the Receiving Party prior to the disclosure or obtained by the
 26 Receiving Party after the disclosure from a source who obtained the information lawfully and
 27 under no obligation of confidentiality to the Designating Party. Any use of Protected Material at
 28 trial shall be governed by a separate agreement or order.

4. DURATION

Even after final disposition of this litigation, the confidentiality obligations imposed by this Order shall remain in effect until a Designating Party agrees otherwise in writing or a court order otherwise directs. Final disposition shall be deemed to be the later of (1) dismissal of all claims and defenses in this action, with or without prejudice; and (2) final judgment herein after the completion and exhaustion of all appeals, rehearings, remands, trials, or reviews of this action, including the time limits for filing any motions or applications for extension of time pursuant to applicable law.

5. DESIGNATING PROTECTED MATERIAL

5.1 Exercise of Restraint and Care in Designating Material for Protection. Each Party or Non-Party that designates information or items for protection under this Order must take care to limit any such designation to specific material that qualifies under the appropriate standards. To the extent it is practical to do so, the Designating Party must designate for protection only those parts of material, documents, items, or oral or written communications that qualify – so that other portions of the material, documents, items, or communications for which protection is not warranted are not swept unjustifiably within the ambit of this Order.

Mass, indiscriminate, or routinized designations are prohibited. Designations that are shown to be clearly unjustified or that have been made for an improper purpose (e.g., to unnecessarily encumber or retard the case development process or to impose unnecessary expenses and burdens on other parties) expose the Designating Party to sanctions.

If it comes to a Designating Party's attention that information or items that it designated for protection do not qualify for protection at all or do not qualify for the level of protection initially asserted, that Designating Party must promptly notify all other Parties that it is withdrawing the mistaken designation.

5.2 Manner and Timing of Designations. Except as otherwise provided in this Order (see, e.g., second paragraph of section 5.2(a) below), or as otherwise stipulated or ordered, Disclosure or Discovery Material that qualifies for protection under this Order must be clearly so designated before the material is disclosed or produced.

1 Designation in conformity with this Order requires:

2 (a) for information in documentary form (e.g., paper or electronic documents, but
3 excluding transcripts of depositions or other pretrial or trial proceedings), that the Producing
4 Party affix the legend “CONFIDENTIAL,” “HIGHLY CONFIDENTIAL – ATTORNEYS’
5 EYES ONLY,” or “HIGHLY CONFIDENTIAL – SOURCE CODE” to each page that contains
6 protected material. If only a portion or portions of the material on a page qualifies for protection,
7 the Producing Party also must clearly identify the protected portion(s) (e.g., by making
8 appropriate markings in the margins) and must specify, for each portion, the level of protection
9 being asserted.

10 A Party or Non-Party that makes original documents or materials available for inspection
11 need not designate them for protection until after the inspecting Party has indicated which
12 material it would like copied and produced. During the inspection and before the designation, all
13 of the material made available for inspection shall be deemed “HIGHLY CONFIDENTIAL –
14 ATTORNEYS’ EYES ONLY.” After the inspecting Party has identified the documents it wants
15 copied and produced, the Producing Party must determine which documents, or portions thereof,
16 qualify for protection under this Order. Then, before producing the specified documents, the
17 Producing Party must affix the appropriate legend (“CONFIDENTIAL,” “HIGHLY
18 CONFIDENTIAL – ATTORNEYS’ EYES ONLY,” or “HIGHLY CONFIDENTIAL – SOURCE
19 CODE”) to each page that contains Protected Material. If only a portion or portions of the
20 material on a page qualifies for protection, the Producing Party also must clearly identify the
21 protected portion(s) (e.g., by making appropriate markings in the margins) and must specify, for
22 each portion, the level of protection being asserted.

23 (b) for testimony given in deposition or in other pretrial or trial proceedings, that
24 the Designating Party identify on the record, before the close of the deposition, hearing, or other
25 proceeding, all protected testimony and specify the level of protection being asserted. When it is
26 impractical to identify separately each portion of testimony that is entitled to protection and it
27 appears that substantial portions of the testimony may qualify for protection, the Designating
28 Party may invoke on the record (before the deposition, hearing, or other proceeding is concluded)

1 a right to have up to 21 days to identify the specific portions of the testimony as to which
 2 protection is sought and to specify the level of protection being asserted. Only those portions of
 3 the testimony that are appropriately designated for protection within the 21 days shall be covered
 4 by the provisions of this Protective Order. Alternatively, a Designating Party may specify, at the
 5 deposition or up to 21 days afterwards if that period is properly invoked, that the entire transcript
 6 shall be treated as “CONFIDENTIAL” or “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES
 7 ONLY.”

8 Parties shall give the other parties notice if they reasonably expect a deposition, hearing,
 9 or other proceeding to include Protected Material so that the other parties can ensure that only
 10 authorized individuals who have signed the “Acknowledgment and Agreement to Be Bound”
 11 (Exhibit A) are present at those proceedings. The use of a document as an exhibit at a deposition
 12 shall not in any way affect its designation as “CONFIDENTIAL” or “HIGHLY
 13 CONFIDENTIAL – ATTORNEYS’ EYES ONLY.”

14 Transcripts containing Protected Material shall have an obvious legend on the title page
 15 that the transcript contains Protected Material, and the title page shall be followed by a list of all
 16 pages (including line numbers as appropriate) that have been designated as Protected Material and
 17 the level of protection being asserted by the Designating Party. The Designating Party shall
 18 inform the court reporter of these requirements. Any transcript that is prepared before the
 19 expiration of a 21-day period for designation shall be treated during that period as if it had been
 20 designated “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY” in its entirety unless
 21 otherwise agreed. After the expiration of that period, the transcript shall be treated only as
 22 actually designated.

23 (c) for information produced in some form other than documentary and for any other
 24 tangible items, that the Producing Party affix in a prominent place on the exterior of the container
 25 or containers in which the information or item is stored the legend “CONFIDENTIAL,”
 26 “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY,” or “HIGHLY CONFIDENTIAL
 27 – SOURCE CODE.” If only a portion or portions of the information or item warrant protection,
 28 the Producing Party, to the extent practicable, shall identify the protected portion(s) and specify

1 the level of protection being asserted.

2 5.3 Inadvertent Failures to Designate. If timely corrected, an inadvertent failure to
3 designate qualified information or items does not, standing alone, waive the Designating Party's
4 right to secure protection under this Order for such material. Upon timely correction of a
5 designation, the Receiving Party must make reasonable efforts to assure that the material is
6 treated in accordance with the provisions of this Order.

7 **6. CHALLENGING CONFIDENTIALITY DESIGNATIONS**

8 6.1 Timing of Challenges. Any Party or Non-Party may challenge a designation of
9 confidentiality at any time. Unless a prompt challenge to a Designating Party's confidentiality
10 designation is necessary to avoid foreseeable, substantial unfairness, unnecessary economic
11 burdens, or a significant disruption or delay of the litigation, a Party does not waive its right to
12 challenge a confidentiality designation by electing not to mount a challenge promptly after the
13 original designation is disclosed.

14 6.2 Meet and Confer. The Challenging Party shall initiate the dispute resolution
15 process by providing written notice of each designation it is challenging and describing the basis
16 for each challenge. To avoid ambiguity as to whether a challenge has been made, the written
17 notice must recite that the challenge to confidentiality is being made in accordance with this
18 specific paragraph of the Protective Order. The parties shall attempt to resolve each challenge in
19 good faith and must begin the process by conferring directly (in voice to voice dialogue; other
20 forms of communication are not sufficient) within 14 days of the date of service of notice. In
21 conferring, the Challenging Party must explain the basis for its belief that the confidentiality
22 designation was not proper and must give the Designating Party an opportunity to review the
23 designated material, to reconsider the circumstances, and, if no change in designation is offered,
24 to explain the basis for the chosen designation. A Challenging Party may proceed to the next
25 stage of the challenge process only if it has engaged in this meet and confer process first or
26 establishes that the Designating Party is unwilling to participate in the meet and confer process in
27 a timely manner.

28 6.3 Judicial Intervention. If the Parties cannot resolve a challenge without court

the parties shall present the dispute for resolution in accordance with the court's Standing Order regarding resolution of discovery disputes (joint letter procedure).

1 intervention, the ~~Designating Party shall file and serve a motion to retain confidentiality under~~
 2 ~~Civil Local Rule 7 (and in compliance with Civil Local Rule 79-5, if applicable) within 21 days~~
 3 ~~of the initial notice of challenge or within 14 days of the parties agreeing that the meet and confer~~
 4 ~~process will not resolve their dispute, whichever is earlier. Each such motion must be~~
 5 ~~accompanied by a competent declaration affirming that the movant has complied with the meet~~
 6 ~~and confer requirements imposed in the preceding paragraph. Failure by the Designating Party to~~
 7 ~~make such a motion including the required declaration within 21 days (or 14 days, if applicable)~~
 8 ~~shall automatically waive the confidentiality designation for each challenged designation. In~~
 9 ~~addition, the Challenging Party may file a motion challenging a confidentiality designation at any~~
 10 ~~time if there is good cause for doing so, including a challenge to the designation of a deposition~~
 11 ~~transcript or any portions thereof. Any motion brought pursuant to this provision must be~~
 12 ~~accompanied by a competent declaration affirming that the movant has complied with the meet~~
 13 ~~and confer requirements imposed by the preceding paragraph.~~

14 The burden of persuasion in any such challenge proceeding shall be on the Designating
 15 Party. Frivolous challenges and those made for an improper purpose (e.g., to harass or impose
 16 unnecessary expenses and burdens on other parties) may expose the Challenging Party to
 17 sanctions. Unless the Designating Party has waived the confidentiality designation by failing to
 18 file a motion to retain confidentiality as described above, all parties shall continue to afford the
 19 material in question the level of protection to which it is entitled under the Producing Party's
 20 designation until the court rules on the challenge.

21 **7. ACCESS TO AND USE OF PROTECTED MATERIAL**

22 7.1 Basic Principles. A Receiving Party may use Protected Material that is disclosed or
 23 produced by another Party or by a Non-Party in connection with this case only for prosecuting,
 24 defending, or attempting to settle this litigation. Such Protected Material may be disclosed only to
 25 the categories of persons and under the conditions described in this Order. When the litigation has
 26 been terminated, a Receiving Party must comply with the provisions of section 15 below (FINAL
 27 DISPOSITION).

28 Protected Material must be stored and maintained by a Receiving Party at a location and

1 in a secure manner that ensures that access is limited to the persons authorized under this Order.

2 7.2 Disclosure of “CONFIDENTIAL” Information or Items. Unless otherwise ordered
3 by the court or permitted in writing by the Designating Party, a Receiving Party may disclose any
4 information or item designated “CONFIDENTIAL” only to:

5 (a) the Receiving Party’s Outside Counsel of Record in this action, as well as
6 employees of said Outside Counsel of Record to whom it is reasonably necessary to disclose the
7 information for this litigation and who have signed the “Acknowledgment and Agreement to Be
8 Bound” that is attached hereto as Exhibit A;

9 (b) the officers, directors, and employees (including House Counsel) of the Receiving
10 Party to whom disclosure is reasonably necessary for this litigation and who have signed the
11 “Acknowledgment and Agreement to Be Bound” (Exhibit A);

12 (c) Experts (as defined in this Order) of the Receiving Party to whom disclosure is
13 reasonably necessary for this litigation and who have signed the “Acknowledgment and
14 Agreement to Be Bound” (Exhibit A);

15 (d) the court and its personnel;

16 (e) court reporters and their staff, professional jury or trial consultants, and
17 Professional Vendors to whom disclosure is reasonably necessary for this litigation and who have
18 signed the “Acknowledgment and Agreement to Be Bound” (Exhibit A);

19 (f) during their depositions, witnesses in the action to whom disclosure is reasonably
20 necessary and who have signed the “Acknowledgment and Agreement to Be Bound” (Exhibit A),
21 unless otherwise agreed by the Designating Party or ordered by the court. Pages of transcribed
22 deposition testimony or exhibits to depositions that reveal Protected Material must be separately
23 bound by the court reporter and may not be disclosed to anyone except as permitted under this
24 Protective Order.

25 (g) the author or recipient of a document containing the information or a custodian or
26 other person who otherwise possessed or knew the information.

27 7.3 Disclosure of “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY” and
28 “HIGHLY CONFIDENTIAL – SOURCE CODE” Information or Items. Unless otherwise

ordered by the court or permitted in writing by the Designating Party, a Receiving Party may disclose any information or item designated “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY” or “HIGHLY CONFIDENTIAL – SOURCE CODE” only to:

(a) the Receiving Party’s Outside Counsel of Record in this action, as well as employees of said Outside Counsel of Record to whom it is reasonably necessary to disclose the information for this litigation and who have signed the “Acknowledgment and Agreement to Be Bound” that is attached hereto as Exhibit A;

(b) Experts of the Receiving Party (1) to whom disclosure is reasonably necessary for this litigation, (2) who have signed the “Acknowledgment and Agreement to Be Bound” (Exhibit A), and (3) as to whom the procedures set forth in paragraph 7.4(a), below, have been followed;

(c) the court and its personnel;

(d) court reporters and their staff, professional jury or trial consultants, and Professional Vendors to whom disclosure is reasonably necessary for this litigation and who have signed the “Acknowledgment and Agreement to Be Bound” (Exhibit A); and

(e) the author or recipient of a document containing the information or a custodian or other person who otherwise possessed or knew the information.

7.4 Procedures for Approving or Objecting to Disclosure of “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY” or “HIGHLY CONFIDENTIAL – SOURCE CODE” Information or Items to Experts.

(a) Unless otherwise ordered by the court or agreed to in writing by the Designating Party, a Party that seeks to disclose to an Expert (as defined in this Order) any information or item that has been designated “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY” or “HIGHLY CONFIDENTIAL – SOURCE CODE” pursuant to paragraph 7.3(b) first must make a written request to the Designating Party that (1) identifies the general categories of “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY” or “HIGHLY CONFIDENTIAL – SOURCE CODE” information that the Receiving Party seeks permission to disclose to the Expert, (2) sets forth the full name of the Expert and the city and state of his or her primary residence, (3) attaches a copy of the Expert’s current resume, (4) identifies the Expert’s current employer(s), (5)

1 identifies each person or entity from whom the Expert has received compensation or funding for
2 work in his or her areas of expertise or to whom the expert has provided professional services,
3 including in connection with a litigation, at any time during the preceding five years,¹ and (6)
4 identifies (by name and number of the case, filing date, and location of court) any litigation in
5 connection with which the Expert has offered expert testimony, including through a declaration,
6 report, or testimony at a deposition or trial, during the preceding five years.

7 (b) A Party that makes a request and provides the information specified in the
8 preceding respective paragraphs may disclose the subject Protected Material to the identified
9 Expert unless, within 14 days of delivering the request, the Party receives a written objection
10 from the Designating Party. Any such objection must set forth in detail the grounds on which it is
11 based.

12 (c) A Party that receives a timely written objection must meet and confer with the
13 Designating Party (through direct voice to voice dialogue) to try to resolve the matter by
14 agreement within seven days of the written objection. If no agreement is reached, the Party
15 seeking to make the disclosure to the Expert may file a motion as provided in Civil Local Rule 7
16 (and in compliance with Civil Local Rule 79-5, if applicable) seeking permission from the court
17 to do so. Any such motion must describe the circumstances with specificity, set forth in detail the
18 reasons why disclosure to the Expert is reasonably necessary, assess the risk of harm that the
19 disclosure would entail, and suggest any additional means that could be used to reduce that risk.
20 In addition, any such motion must be accompanied by a competent declaration describing the
21 parties' efforts to resolve the matter by agreement (i.e., the extent and the content of the meet and
22 confer discussions) and setting forth the reasons advanced by the Designating Party for its refusal
23 to approve the disclosure.

24 In any such proceeding, the Party opposing disclosure to the Expert shall bear the
25 _____

26
27 ¹ If the Expert believes any of this information is subject to a confidentiality obligation to a third-party, then the
28 Expert should provide whatever information the Expert believes can be disclosed without violating any
confidentiality agreements, and the Party seeking to disclose to the Expert shall be available to meet and confer with
the Designating Party regarding any such engagement.

burden of proving that the risk of harm that the disclosure would entail (under the safeguards proposed) outweighs the Receiving Party's need to disclose the Protected Material to its Expert.

8. PROSECUTION BAR

Absent written consent from the Producing Party, any individual who receives access to "HIGHLY CONFIDENTIAL – ATTORNEYS' EYES ONLY" or "HIGHLY CONFIDENTIAL – SOURCE CODE" information shall not be involved in the prosecution of patents or patent applications relating to the subject matter of this action, including without limitation the patents asserted in this action and any patent or application claiming priority to or otherwise related to the patents asserted in this action, before any foreign or domestic agency, including the United States Patent and Trademark Office ("the Patent Office"). For purposes of this paragraph, "prosecution" includes directly or indirectly drafting, amending, advising, or otherwise affecting the scope or maintenance of patent claims.² To avoid any doubt, "prosecution" as used in this paragraph does not include representing a party challenging a patent before a domestic or foreign agency (including, but not limited to, a reissue protest, *ex parte* reexamination or *inter partes* reexamination). This Prosecution Bar shall begin when access to "HIGHLY CONFIDENTIAL – ATTORNEYS' EYES ONLY" or "HIGHLY CONFIDENTIAL – SOURCE CODE" information is first received by the affected individual and shall end two (2) years after final termination of this action.

9. SOURCE CODE

(a) To the extent production of source code becomes necessary in this case, a Producing Party may designate source code as "HIGHLY CONFIDENTIAL – SOURCE CODE" if it comprises or includes confidential, proprietary or trade secret source code.

(b) Protected Material designated as "HIGHLY CONFIDENTIAL – SOURCE CODE" shall be subject to all of the protections afforded to "HIGHLY CONFIDENTIAL – ATTORNEYS' EYES ONLY" information, including the Prosecution Bar set forth in Paragraph 8, and may be disclosed only to the individuals to whom "HIGHLY CONFIDENTIAL –

² Prosecution includes, for example, original prosecution, reissue and reexamination proceedings.

1 ATTORNEYS' EYES ONLY" information may be disclosed, as set forth in Paragraphs 7.3 and
2 7.4.

3 (c) Any source code produced in discovery shall be made available for inspection, in a
4 format allowing it to be reasonably reviewed and searched, during normal business hours or at
5 other mutually agreeable times, at an office of the Producing Party's counsel or another mutually
6 agreed upon location. The source code shall be made available for inspection on a secured
7 computer in a secured room without Internet access or network access to other computers, and the
8 Receiving Party shall not copy, remove, or otherwise transfer any portion of the source code onto
9 any recordable media or recordable device. The Producing Party may visually monitor the
10 activities of the Receiving Party's representatives during any source code review, but only to
11 ensure that there is no unauthorized recording, copying, or transmission of the source code.

12 (d) The Receiving Party may request paper copies of limited portions of source code
13 that are reasonably necessary for the preparation of court filings, pleadings, expert reports, or
14 other papers, or for deposition or trial, but shall not request paper copies for the purpose of
15 reviewing the source code other than electronically as set forth in paragraph (c) in the first
16 instance. The Producing Party shall provide all such source code in paper form, including bates
17 numbers and the label "HIGHLY CONFIDENTIAL – SOURCE CODE." The Producing Party
18 may challenge the amount of source code requested in hard copy form pursuant to the dispute
19 resolution procedure and timeframes set forth in Paragraph 6 whereby the Producing Party is the
20 "Challenging Party" and the Receiving Party is the "Designating Party" for purposes of dispute
21 resolution.

22 (e) The Receiving Party shall maintain a record of any individual who has inspected
23 any portion of the source code in electronic or paper form. The Receiving Party shall maintain all
24 paper copies of any printed portions of the source code in a secured, locked area. The Receiving
25 Party shall not create any electronic or other images of the paper copies and shall not convert any
26 of the information contained in the paper copies into any electronic format. The Receiving Party
27 shall only make additional paper copies if such additional copies are (1) necessary to prepare
28 court filings, pleadings, or other papers (including a testifying expert's expert report), (2)

1 necessary for deposition, or (3) otherwise necessary for the preparation of its case. Any paper
 2 copies used during a deposition shall be retrieved by the Producing Party at the end of each day
 3 and must not be given to or left with a court reporter or any other unauthorized individual.

4 **10. PROTECTED MATERIAL SUBPOENAED OR ORDERED PRODUCED IN**
 5 **OTHER LITIGATION**

6 If a Party is served with a subpoena or a court order issued in other litigation that compels
 7 disclosure of any information or items designated in this action as “CONFIDENTIAL,”
 8 “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY,” or “HIGHLY CONFIDENTIAL
 9 – SOURCE CODE,” that Party must:

10 (a) promptly notify in writing the Designating Party. Such notification shall include a
 11 copy of the subpoena or court order;

12 (b) promptly notify in writing the party who caused the subpoena or order to issue in
 13 the other litigation that some or all of the material covered by the subpoena or order is subject to
 14 this Protective Order. Such notification shall include a copy of this Protective Order; and

15 (c) cooperate with respect to all reasonable procedures sought to be pursued by the
 16 Designating Party whose Protected Material may be affected.³

17 If the Designating Party timely seeks a protective order, the Party served with the
 18 subpoena or court order shall not produce any information designated in this action as
 19 “CONFIDENTIAL,” “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY,” or
 20 “HIGHLY CONFIDENTIAL – SOURCE CODE” before a determination by the court from
 21 which the subpoena or order issued, unless the Party has obtained the Designating Party’s
 22 permission. The Designating Party shall bear the burden and expense of seeking protection in that
 23 court of its confidential material – and nothing in these provisions should be construed as
 24 authorizing or encouraging a Receiving Party in this action to disobey a lawful directive from
 25 another court.

26
 27 ³ The purpose of imposing these duties is to alert the interested parties to the existence of this Protective Order and to
 28 afford the Designating Party in this case an opportunity to try to protect its confidentiality interests in the court from
 which the subpoena or order issued.

11. A NON-PARTY’S PROTECTED MATERIAL SOUGHT TO BE PRODUCED IN THIS LITIGATION

(a) The terms of this Order are applicable to information produced by a Non-Party in this action and designated as “CONFIDENTIAL,” “HIGHLY CONFIDENTIAL – ATTORNEYS’ EYES ONLY,” or “HIGHLY CONFIDENTIAL – SOURCE CODE.” Such information produced by Non-Parties in connection with this litigation is protected by the remedies and relief provided by this Order. Nothing in these provisions should be construed as prohibiting a Non-Party from seeking additional protections.

(b) In the event that a Party is required, by a valid discovery request, to produce a Non-Party’s confidential information in its possession, and the Party is subject to an agreement with the Non-Party not to produce the Non-Party’s confidential information, then the Party shall:

1. promptly notify in writing the Requesting Party and the Non-Party that some or all of the information requested is subject to a confidentiality agreement with a Non-Party;
2. promptly provide the Non-Party with a copy of the Protective Order in this litigation, the relevant discovery request(s), and a reasonably specific description of the information requested; and
3. make the information requested available for inspection by the Non-Party.

(c) If the Non-Party fails to object or seek a protective order from this court within 14 days of receiving the notice and accompanying information, the Receiving Party may produce the Non-Party’s confidential information responsive to the discovery request. If the Non-Party timely seeks a protective order, the Receiving Party shall not produce any information in its possession or control that is subject to the confidentiality agreement with the Non-Party before a determination by the court.⁴ Absent a court order to the contrary, the Non-Party shall bear the burden and expense of seeking protection in this court of its Protected Material.

⁴ The purpose of this provision is to alert the interested parties to the existence of confidentiality rights of a Non-Party and to afford the Non-Party an opportunity to protect its confidentiality interests in this court.

1 **12. UNAUTHORIZED DISCLOSURE OF PROTECTED MATERIAL**

2 If a Receiving Party learns that, by inadvertence or otherwise, it has disclosed Protected
3 Material to any person or in any circumstance not authorized under this Protective Order, the
4 Receiving Party must immediately (a) notify in writing the Designating Party of the unauthorized
5 disclosures, (b) use its best efforts to retrieve all unauthorized copies of the Protected Material, (c)
6 inform the person or persons to whom unauthorized disclosures were made of all the terms of this
7 Order, and (d) request such person or persons to execute the “Acknowledgment and Agreement to
8 Be Bound” that is attached hereto as Exhibit A.

9 **13. INADVERTENT PRODUCTION OF PRIVILEGED OR OTHERWISE
10 PROTECTED MATERIAL**

11 When a Producing Party gives notice to Receiving Parties that certain inadvertently
12 produced material is subject to a claim of privilege or other protection, the obligations of the
13 Receiving Parties are those set forth in Federal Rule of Civil Procedure 26(b)(5)(B). This
14 provision is not intended to modify whatever procedure may be established in an e-discovery
15 order that provides for production without prior privilege review. Pursuant to Federal Rule of
16 Evidence 502(d) and (e), insofar as the parties reach an agreement on the effect of disclosure of a
17 communication or information covered by the attorney-client privilege or work product
18 protection, the parties may incorporate their agreement in a stipulated protective order submitted
19 to the court.

20 **14. MISCELLANEOUS**

21 14.1 Right to Further Relief. Nothing in this Order abridges the right of any person to
22 seek its modification by the court in the future.

23 14.2 Right to Assert Other Objections. No Party waives any right it otherwise would
24 have to object to disclosing or producing any information or item on any ground not addressed in
25 this Protective Order. Similarly, no Party waives any right to object on any ground to use in
26 evidence of any of the material covered by this Protective Order.

27 14.3 Export Control. Disclosure of Protected Material shall be subject to all applicable
28 laws and regulations relating to the export of technical data contained in such Protected Material,
including the release of such technical data to foreign persons or nationals in the United States or

1 elsewhere. The Producing Party shall be responsible for identifying any such controlled technical
2 data, and the Receiving Party shall take measures necessary to ensure compliance.

3 14.4 Filing Protected Material. Without written permission from the Designating Party
4 or a court order secured after appropriate notice to all interested persons, a Party may not file in
5 the public record in this action any Protected Material. A Party that seeks to file under seal any
6 Protected Material must comply with Civil Local Rule 79-5. Protected Material may only be filed
7 under seal pursuant to a court order authorizing the sealing of the specific Protected Material at
8 issue. Pursuant to Civil Local Rule 79-5, a sealing order will issue only upon a request
9 establishing that the Protected Material at issue is privileged, protectable as a trade secret, or
10 otherwise entitled to protection under the law. If a Receiving Party's request to file Protected
11 Material under seal pursuant to Civil Local Rule 79-5(e) is denied by the court, then the
12 Receiving Party may file the Protected Material in the public record pursuant to Civil Local Rule
13 79-5(e)(2) unless otherwise instructed by the court.

14 **15. FINAL DISPOSITION**

15 Within 60 days after the final disposition of this action, as defined in paragraph 4, each
16 Receiving Party must return all Protected Material to the Producing Party or destroy such
17 material. As used in this subdivision, "all Protected Material" includes all copies, abstracts,
18 compilations, summaries, and any other format reproducing or capturing any of the Protected
19 Material. Whether the Protected Material is returned or destroyed, the Receiving Party must
20 submit a written certification to the Producing Party (and, if not the same person or entity, to the
21 Designating Party) by the 60 day deadline that (1) identifies (by category, where appropriate) all
22 the Protected Material that was returned or destroyed and (2) affirms that the Receiving Party has
23 not retained any copies, abstracts, compilations, summaries or any other format reproducing or
24 capturing any of the Protected Material. Notwithstanding this provision, Counsel are entitled to
25 retain an archival copy of all pleadings, motion papers, trial, deposition, and hearing transcripts,
26 legal memoranda, correspondence, deposition and trial exhibits, expert reports, attorney work
27 product, and consultant and expert work product, even if such materials contain Protected
28 Material. Any such archival copies that contain or constitute Protected Material remain subject to

1 this Protective Order as set forth in Section 4 (DURATION).

2 **IT IS SO ORDERED.**

3 DATED: March 26, 2020

4 The Honorable Donna M. Ryu
5 United States Magistrate Judge
6 Judge Donna M. Ryu

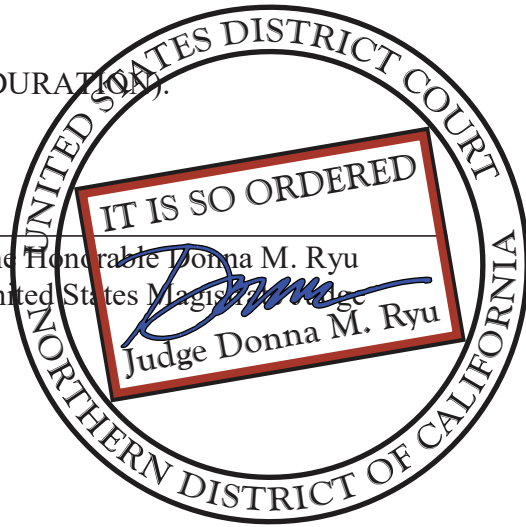


EXHIBIT A

ACKNOWLEDGMENT AND AGREEMENT TO BE BOUND

I, _____ [print or type full name], of _____
_____ [print or type full address], declare under penalty of perjury
that I have read in its entirety and understand the Protective Order that was issued by the United
States District Court for the Northern District of California on _____ [date] in the
case of *Semicaps Pte Ltd. v. Hamamatsu Corporation et al*, Case No. 4:17-cv-03440 (N.D. Cal.).
I agree to comply with and to be bound by all the terms of this Protective Order, and I understand
and acknowledge that failure to so comply could expose me to sanctions and punishment in the
nature of contempt. I solemnly promise that I will not disclose in any manner any information or
item that is subject to this Protective Order to any person or entity except in strict compliance
with the provisions of this Order.

I further agree to submit to the jurisdiction of the United States District Court for
the Northern District of California for the purpose of enforcing the terms of this Protective Order,
even if such enforcement proceedings occur after termination of this action.

I hereby appoint [print or type full name] of _____
_____ [print or type full address and telephone number] as my California
agent for service of process in connection with this action or any proceedings related to
enforcement of this Protective Order.

Date: _____

City and State where sworn and signed:

Printed name: _____
[printed name]

Signature: _____
[signature]

ATTACHMENT D

ATTACHMENT D

DEFINITIONS

These topics are subject to and incorporate the following definitions and instructions as used herein:

1. “Plaintiff” and “SEMICAPS” mean Plaintiff SEMICAPS Pte Ltd., including, without limitation, its directors, officers, parents, subsidiaries, affiliated corporations, predecessors, successors, assigns, employees, agents, representatives, attorneys, and all other persons or entities representing it or acting on its behalf.

2. “Defendants” and “Hamamatsu” means Defendants Hamamatsu Corporation, Hamamatsu Photonics K.K., and Photonics Management Corp.

3. “Dr. Quah,” “You,” and “Your” mean Dr. Alfred Cheng Teck Quah, one of the named inventors of U.S. Patent No. 7,623,982.

4. “The ’982 patent” or “Patent-in-Suit” means U.S. Patent No. 7,623,982, which issued on November 24, 2009 and is titled “Method of Testing an Electronic Circuit and Apparatus Thereof.”

5. “Related Patents” means any patent or patent application, anywhere in the world and individually and collectively, that claims or is identified as priority, directly or indirectly, to or from any Patent-in-Suit. “Related Patents” includes, but is not limited to, all continuations, continuations-in-part, provisionals, divisionals, and reissues of any Patent-in-Suit.

6. “Asserted Claims” means the claims 4-8, 17, and 21-25 of the Patent-in-Suit.

7. The term “document(s)” is used in the broadest sense to include everything contemplated by Rule 34(a)(1)(A) of the Federal Rules of Civil Procedure and by Rule 1001 of the Federal Rules of Evidence, including electronically stored information, data, code materials stored in any media, and any other information stored magnetically, optically or electronically. If a draft document has been prepared in several copies that are not identical, or if the original identical copies are no longer identical due to subsequent notation, each non-identical document is a separate document.

1 8. The term “communication(s)” means, without limitation, any transmission,
2 conveyance or exchange of a word, statement, fact, idea, Document, instruction, information,
3 demand or question by any medium, whether by written, oral or other means, including but not
4 limited to, electronic communications and electronic mail (“e-mail”).

5 9. The term “electronically stored information,” abbreviated herein as “ESI,” is
6 defined to be synonymous in meaning and equal in scope to the usage of the term in Rules 26(b)
7 and 34 of the Federal Rules of Civil Procedure.

8 10. The term “natural person” should be understood to encompass, in addition to the
9 natural person, any agent, employee, representative, attorney, superior, or principal thereof.

10 11. The term “legal entity” should be understood to encompass, in addition to the
11 entity, any officer, director, employee, partner, corporate parent, subsidiary, affiliate, agent,
12 representative, attorney, or principal thereof.

13 12. The term “person” includes all natural persons, persons, legal entities, and entities.

14 13. The terms “identify,” “identifies,” and “identification,” when used with respect to
15 any natural person, mean that the following information shall be provided: the person’s full name;
16 the person’s last known business address and telephone number; the person’s last known title or
17 occupation; and the person’s last known employer.

18 14. The terms “identify,” “identifies,” and “identification,” when used with respect to
19 any legal entity, such as a corporation, company, or person other than a natural person, mean that
20 the following information shall be provided: the entity’s name; the entity’s place of incorporation
21 or organization; the entity’s principal place of business; and the nature of the entity’s business.

22 15. The terms “identify,” “identifies,” and “identification,” when used with respect to a
23 document, mean to provide information sufficient to locate that document, including but not
24 limited to the following: the production number range; the date appearing on the document or, if
25 no date appears thereon, the approximate date on which the document was prepared; the
26 identifying code number, file number, title, and/or label of the document; a general description of
27 the document (*e.g.*, letter, memorandum, drawing); the title or heading; the number of pages of
28 which the document consists; the name of each person who signed or authorized the document; the

1 name of each addressee; the name of each person having possession, custody, or control of the
2 document; if the document existed at one time but does not presently exist, the reason(s) why it no
3 longer exists and the identity of the last person having custody of it; and, if the document is in a
4 foreign language, whether an English translation of the document exists, whether partial or
5 complete.

6 16. The terms “relate to,” “related to,” and “relating to” are used in their broadest
7 possible sense to include any connection, relation, or relevance.

8 17. The term “describe,” when used in relation to an act, event, instance, occasion,
9 transaction, conversation, or communication, means: (1) to state the date and place thereof; (2) to
10 identify the individual participants; (3) to summarize separately for each individual what he/she
11 said or did; and (4) to identify each document used or prepared in connection therewith or making
12 any reference thereto.

13 18. The term “prior art” means all categories of art included within the broadest
14 meaning of 35 U.S.C. §§ 102 and 103, including but not limited to patents, publications,
15 disclosures, products, physical devices, systems, prototypes, uses, sales, offers for sale, other acts
16 or occurrences, and any documents or other items evidencing any of the foregoing. The term also
17 includes all art that any person has identified as being relevant to the invalidity or unenforceability
18 of the Patent-in-Suit or any Asserted Claim.

19 19. The words “and” and “or” are to be construed conjunctively or disjunctively as
20 necessary so as to accord each topic the broadest possible scope.

21 20. “Any” should be understood to encompass “all” and/or “each” and vice versa, as
22 necessary to bring within the scope of each topic all information that might otherwise be construed
23 to be outside of its scope.

24 21. The singular form of any term should be understood to encompass the plural,
25 except where circumstances clearly make it inappropriate.

26 22. The present tense should be understood to encompass the past tense, except where
27 circumstances clearly make it inappropriate.

28

DEPOSITION TOPICS

1. Your contributions to the subject matter of U.S. Patent No. 7,623,982.
2. Your involvement or participation in the prosecution of the patent application that became U.S. Patent No. 7,623,982.
3. Your contributions to the subject matter of the paper, *Enhanced Detection Sensitivity with Pulsed Laser Signal Integration Algorithm* by Quah et al.
4. The facts and circumstances regarding the drafting, publishing, first public presentation, and first public distribution of the paper, *Enhanced Detection Sensitivity with Pulsed Laser Signal Integration Algorithm* by Quah et al.
5. Your contributions to the subject matter of the paper, *DC-Coupled Laser Induced Detection System for Fault Localization in Microelectronic Failure Analysis* by Quah et al.
6. The facts and circumstances regarding the drafting, publishing, first public presentation, and first public distribution of the paper, *DC-Coupled Laser Induced Detection System for Fault Localization in Microelectronic Failure Analysis* by Quah et al.
7. The facts and circumstances regarding Your participation in the 13th International Symposium on the Physical and Failure Analysis of Integrated Circuits, held on July 3-7, 2006 in Singapore.
8. The facts and circumstances regarding the subject matter of and Your submission of Your declaration dated October 24, 2017 in IPR 2017-02110 and IPR 2017-02112.
9. The facts and circumstances regarding the subject matter of and Your submission of Your declaration dated December 19, 2017 in IPR 2017-02110 and IPR 2017-02112.
10. Your communications with SEMICAPS regarding the subject matter of U.S. Patent No. 7,623,982, Hamamatsu, and any litigation (including, without limitation, district court lawsuits and proceedings before the United States Patent and Trademark Office) between SEMICAPS and Hamamatsu.
11. Any agreements (written, oral, or otherwise) between you and SEMICAPS made after or in effect after your employment at SEMICAPS ended.

ATTACHMENT E

ATTACHMENT E

DEFINITIONS

These requests are subject to and incorporate the following definitions and instructions as used herein:

1. “Plaintiff” and “SEMICAPS” mean Plaintiff SEMICAPS Pte Ltd., including, without limitation, its directors, officers, parents, subsidiaries, affiliated corporations, predecessors, successors, assigns, employees, agents, representatives, attorneys, and all other persons or entities representing it or acting on its behalf.

2. “Defendants” and “Hamamatsu” means Defendants Hamamatsu Corporation, Hamamatsu Photonics K.K., and Photonics Management Corp.

3. “Dr. Quah,” “You,” and “Your” mean Dr. Alfred Cheng Teck Quah, one of the named inventors of U.S. Patent No. 7,623,982.

4. “The ’982 patent” or “Patent-in-Suit” means U.S. Patent No. 7,623,982, which issued on November 24, 2009 and is titled “Method of Testing an Electronic Circuit and Apparatus Thereof.”

5. “Related Patents” means any patent or patent application, anywhere in the world and individually and collectively, that claims or is identified as priority, directly or indirectly, to or from any Patent-in-Suit. “Related Patents” includes, but is not limited to, all continuations, continuations-in-part, provisionals, divisionals, and reissues of any Patent-in-Suit.

6. “Asserted Claims” means the claims 4-8, 17, and 21-25 of the Patent-in-Suit.

7. The term “document(s)” is used in the broadest sense to include everything contemplated by Rule 34(a)(1)(A) of the Federal Rules of Civil Procedure and by Rule 1001 of the Federal Rules of Evidence, including electronically stored information, data, code materials stored in any media, and any other information stored magnetically, optically or electronically. If a draft document has been prepared in several copies that are not identical, or if the original identical copies are no longer identical due to subsequent notation, each non-identical document is a separate document.

1 8. The term “communication(s)” means, without limitation, any transmission,
2 conveyance or exchange of a word, statement, fact, idea, Document, instruction, information,
3 demand or question by any medium, whether by written, oral or other means, including but not
4 limited to, electronic communications and electronic mail (“e-mail”).

5 9. The term “electronically stored information,” abbreviated herein as “ESI,” is
6 defined to be synonymous in meaning and equal in scope to the usage of the term in Rules 26(b)
7 and 34 of the Federal Rules of Civil Procedure.

8 10. The term “natural person” should be understood to encompass, in addition to the
9 natural person, any agent, employee, representative, attorney, superior, or principal thereof.

10 11. The term “legal entity” should be understood to encompass, in addition to the
11 entity, any officer, director, employee, partner, corporate parent, subsidiary, affiliate, agent,
12 representative, attorney, or principal thereof.

13 12. The term “person” includes all natural persons, persons, legal entities, and entities.

14 13. The terms “identify,” “identifies,” and “identification,” when used with respect to
15 any natural person, mean that the following information shall be provided: the person’s full name;
16 the person’s last known business address and telephone number; the person’s last known title or
17 occupation; and the person’s last known employer.

18 14. The terms “identify,” “identifies,” and “identification,” when used with respect to
19 any legal entity, such as a corporation, company, or person other than a natural person, mean that
20 the following information shall be provided: the entity’s name; the entity’s place of incorporation
21 or organization; the entity’s principal place of business; and the nature of the entity’s business.

22 15. The terms “identify,” “identifies,” and “identification,” when used with respect to a
23 document, mean to provide information sufficient to locate that document, including but not
24 limited to the following: the production number range; the date appearing on the document or, if
25 no date appears thereon, the approximate date on which the document was prepared; the
26 identifying code number, file number, title, and/or label of the document; a general description of
27 the document (*e.g.*, letter, memorandum, drawing); the title or heading; the number of pages of
28 which the document consists; the name of each person who signed or authorized the document; the

1 name of each addressee; the name of each person having possession, custody, or control of the
2 document; if the document existed at one time but does not presently exist, the reason(s) why it no
3 longer exists and the identity of the last person having custody of it; and, if the document is in a
4 foreign language, whether an English translation of the document exists, whether partial or
5 complete.

6 16. The terms “relate to,” “related to,” and “relating to” are used in their broadest
7 possible sense to include any connection, relation, or relevance.

8 17. The term “describe,” when used in relation to an act, event, instance, occasion,
9 transaction, conversation, or communication, means: (1) to state the date and place thereof; (2) to
10 identify the individual participants; (3) to summarize separately for each individual what he/she
11 said or did; and (4) to identify each document used or prepared in connection therewith or making
12 any reference thereto.

13 18. The term “prior art” means all categories of art included within the broadest
14 meaning of 35 U.S.C. §§ 102 and 103, including but not limited to patents, publications,
15 disclosures, products, physical devices, systems, prototypes, uses, sales, offers for sale, other acts
16 or occurrences, and any documents or other items evidencing any of the foregoing. The term also
17 includes all art that any person has identified as being relevant to the invalidity or unenforceability
18 of the Patent-in-Suit or any Asserted Claim.

19 19. The words “and” and “or” are to be construed conjunctively or disjunctively as
20 necessary so as to accord each request the broadest possible scope.

21 20. “Any” should be understood to encompass “all” and/or “each” and vice versa, as
22 necessary to bring within the scope of each request all information that might otherwise be
23 construed to be outside of its scope.

24 21. The singular form of any term should be understood to encompass the plural,
25 except where circumstances clearly make it inappropriate.

26 22. The present tense should be understood to encompass the past tense, except where
27 circumstances clearly make it inappropriate.

28

INSTRUCTIONS

1
2 1. The responses to these requests for production shall be in accordance with Rule 34
3 of the Federal Rules of Civil Procedure.

4 2. These requests call for information (including any information contained in or on
5 any document) that is known or available to You, or in Your possession, custody, or control,
6 including all information known or available to Your attorneys, agents, representatives, or any
7 other Person acting or purporting to act on Your behalf or under the direction or control of You or
8 Your attorneys, agents, representatives, or investigators.

9 3. Each request is to be answered separately and in full in writing under oath, unless
10 all portions of a request are in good faith objected to, in which event the reasons for Your
11 objection(s) shall be stated in detail. If the objection(s) pertains to only a portion of the request, or
12 to a word, phrase, or clause contained within the request, You shall state Your objection to that
13 portion and otherwise answer the request.

14 4. If You withhold any information or decline to fully identify any person, document,
15 or communication, or portion thereof, in response to any of the requests set forth below on
16 grounds of privilege or any other claim of immunity from discovery, You shall describe the
17 factual and legal basis for Your claim of privilege or immunity in sufficient detail so as to permit
18 the Court to adjudicate the validity of the claim. In addition, for each identification, document,
19 communication, or portion thereof withheld, You shall state the following: (a) the type of
20 document (e.g., letter, memorandum, contract, etc.); (b) its title; (c) its date; (d) its subject matter;
21 (e) the name, address, and employer at the time of preparation of the individual(s) who authored,
22 drafted, or prepared it; (f) the name, address, and employer at the time of dissemination of the
23 individual(s) to whom it was directed, circulated, or copied, or who had access thereto; and (g) the
24 grounds on which the document is being withheld (e.g., “attorney-client privilege,” “work product
25 immunity,” etc.).

26 5. Each request shall be construed independently, and no request shall limit the scope
27 of any other request.

28 6. Unless otherwise indicated, no request is date or time limited.

1 7. If You find the meaning of any term in any request to be unclear, You should
2 assume a reasonable meaning, state what that assumed meaning is, and respond to the request on
3 the basis of that assumed meaning.

4 8. For each request, You shall identify all persons who provided information or
5 otherwise assisted in preparing your response.

6 9. In the event that more than one copy of a document exists, You shall produce the
7 original and each non-identical copy of each document.

8 10. If a document has been “redlined,” “marked up,” includes changes, or is otherwise
9 edited, You shall produce that document in edited form to show any edits or comments, including
10 by producing information reflecting the authors of such edits or comments and when those edits or
11 comments were made.

12 11. These requests shall be deemed continuing in nature and create an ongoing
13 obligation in accordance with Fed. R. Civ. P. 26(e). In the event that additional information or
14 material responsive to these requests becomes known to You, You shall serve a supplemental
15 response within a reasonable period of time after the information or material becomes known.

16 12. These instructions are submitted for the purposes of discovery and are not to be
17 taken as waiving any objections that may be made at trial to the introduction of evidence on
18 subjects covered by these requests or as an admission at the trial of the relevance or materiality of
19 any of the matters covered by these requests.

20 **DOCUMENTS TO BE PRODUCED**

21 1. All documents relating to Your contributions to the subject matter of U.S. Patent
22 No. 7,623,982.

23 2. All documents and communications related to Your involvement or participation in
24 the prosecution of the patent application that became U.S. Patent No. 7,623,982.

25 3. All documents relating to Your contributions to the subject matter of the paper,
26 *Enhanced Detection Sensitivity with Pulsed Laser Signal Integration Algorithm* by Quah et al.
27
28

1 4. All documents relating to the facts and circumstances of the drafting, publishing,
2 first public presentation, and first public distribution of the paper, *Enhanced Detection Sensitivity*
3 *with Pulsed Laser Signal Integration Algorithm* by Quah et al.

4 5. All documents relating to Your contributions to the subject matter of the paper,
5 *DC-Coupled Laser Induced Detection System for Fault Localization in Microelectronic Failure*
6 *Analysis* by Quah et al.

7 6. All documents relating to the facts and circumstances of the drafting, publishing,
8 first public presentation, and first public distribution of the paper, *DC-Coupled Laser Induced*
9 *Detection System for Fault Localization in Microelectronic Failure Analysis* by Quah et al.

10 7. All documents relating to the facts and circumstances of Your participation in the
11 13th International Symposium on the Physical and Failure Analysis of Integrated Circuits, held on
12 July 3-7, 2006 in Singapore.

13 8. All optical disks (such as CD-ROMs and DVDs) and portable data storage devices
14 (such as USB flash drives) relating to the 13th International Symposium on the Physical and
15 Failure Analysis of Integrated Circuits, held on July 3-7, 2006 in Singapore.

16 9. All documents relating to the facts and circumstances regarding the subject matter
17 of and Your submission of Your declaration dated October 24, 2017 in IPR 2017-02110 and IPR
18 2017-02112.

19 10. All documents relating to the facts and circumstances regarding the subject matter
20 of and Your submission of Your declaration dated December 19, 2017 in IPR 2017-02110 and
21 IPR 2017-02112.

22 11. All communications with SEMICAPS regarding the subject matter of U.S. Patent
23 No. 7,623,982, Hamamatsu, and any litigation (including, without limitation, district court
24 lawsuits and proceedings before the United States Patent and Trademark Office) between
25 SEMICAPS and Hamamatsu, and all documents relating to such communications.

26 12. All documents relating to any agreements (written, oral, or otherwise) between you
27 and SEMICAPS made after or in effect after your employment at SEMICAPS ended.
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